

СЕМИНАР

„АЛГЕБРА И ЛОГИКА”

Драги колеги,

Следващото заседание на семинара ще се проведе на

5 ноември 2013 г. (вторник) от 10:00 часа

в зала 578 на ИМИ – БАН.

Доклад на тема

Asymptotic distribution of Beurling's generalized prime numbers

ще изнесе

Dr Jasson Vindas

Ghent University, Белгия.

Поканват се всички желаещи.

От секция „Алгебра и логика” на ИМИ – БАН

<http://www.math.bas.bg/algebra/seminarAiL/>

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Abstract

This talk is a survey on classical and recent results concerning the asymptotic distribution of generalized prime numbers.

The goal of Beurling's generalized prime number theory is to replace the ordinary prime numbers by a rather arbitrary non-decreasing sequence of positive real numbers (generalized primes), consider then the multiplicative semigroup generated by it (generalized integers), and then establish relations between asymptotic properties of the counting functions of generalized primes and integers.

We will discuss various conditions that ensure the validity of the prime number theorem in this context.